



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200  
Fax 613 632-5246

# Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
P0041410	MEC002-VU	1	1	Net 30	M7075T6S1.000X2.500	7075-T6S Sheet 1" Thick Plate X 2.5" Wide : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A- 250/12 OR AMS-QQ-A- 250/12 OR AMS 4045 OR ASTM B209 receive ft				12	11/19/2018	12		S129442	Stock	11/19/2018	\$ 25.25 / ft	1		\$304.01	Metaux Castle
		2			M7075T6S1.000X5.000	7075-T6 Sheet 1" Thick Plate X 5" Wide : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A- 250/12 OR AMS-QQ-A- 250/12 OR AMS 4045 OR ASTM B209 receive ft				24		12		S129443	Stock	11/19/2018	\$ 39.75 / ft	1		\$478.59	Metaux Castle
		3			M7075T6S1.000X8.000	7075-T6 Sheet 1.000" X 8.000" MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A- 250/12 OR AMS-QQ-A- 250/12 OR AMS 4045 OR ASTM B209 receive ft				12		12		S129446	Inactive	11/19/2018	\$ 39.75 / ft	1		\$478.59	Metaux Castle
														S129444	Stock	11/19/2018	\$ 62.25 / ft	1		\$749.49	Metaux Castle

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name	
		6			M7075T6S6.000X1.000	7075-T6S Sheet 6" Thick Plate X 1" Wide : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A- 250/12 OR AMS-QQ-A- 250/12 OR AMS 4045 OR ASTM B209 receive ft				24		24		S129445	Stock	11/19/2018	\$ 46.75 / ft	1		\$1,125.74	Metaux Castle	
										Total:	72		72								\$3,136.42	

Plex 11/20/2018 11:20 AM dart.Tollis.Andrew



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO041410**

**Supplier:** MEC002-VU  
Metaux Castle  
P.O. Box 4090 Stn A  
Toronto  
ON  
M5W OE9 Canada

**PO No:** PO041410  
**PO Date:** 10/22/18  
**Due Date:** 11/14/18  
**Purchase Order**  
**Revision:**  
**Revision Date:**  
**Ship-To Contact:** Phone:

**E-MAILED**  
OCT 23 2018

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground  
**Pymt Terms:** Net 30  
**Freight Terms:**  
**Special Comments:**

## **Items**

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1 AT		M7075T6S1.000X2.500		7075-T6S Sheet 1" Thick Plate X 2.5" Wide : MATERIAL: 7075- T6/T62 ALUMINUM SHEET AS PER QQ-A- 250/12 OR AMS-QQ-A- 250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed	-	11/14/18	12 ft	0 ft	12 ft	\$25.25/ft	\$303.00
								/	<del>0 ft</del> 12.04 ft	AT 18/11/20		
2 AT		M7075T6S1.000X5.000		7075-T6 Sheet 1" Thick Plate X 5" Wide : MATERIAL: 7075- T6/T62 ALUMINUM SHEET AS PER QQ-A- 250/12 OR AMS-QQ-A- 250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed	-	11/14/18	24 ft	0 ft	24 ft	\$39.75/ft	\$954.00
								/	24.08 ft	AT 18/11/20		



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

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# PURCHASE ORDER

## PO041410

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
3		M7075T6S1.000X8.000		7075-T6 Sheet 1.000" X 8.000" : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed	-	11/14/18	12 ft	0 ft	12 ft	\$62.25/ft	\$747.00
4		M7075T6S1.750X2.250		7075-T6 Sheet 1.750" X 2.250" : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed	-	11/22/18	36 ft	0 ft	36 ft	\$34.18/ft	\$1,230.48
5		M7075T6S1.750X3.000		7075-T6 Sheet 1.750" X 3.000" : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed	-	11/22/18	12 ft	0 ft	12 ft	\$47.20/ft	\$566.40



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

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# PURCHASE ORDER

## PO041410

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
6 <i>AT</i>		M7075T6S6.000X1.000		7075-T6S Sheet 6" Thick Plate X 1" Wide : MATERIAL: 7075- T6/T62 ALUMINUM SHEET AS PER QQ-A- 250/12 OR AMS-QQ-A- 250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed	-	11/14/18	24 ft ✓	0 ft <i>24.085</i>	24 ft <i>AT 18/11/20</i>	\$46.75/ft	\$1,122.00
Grand Total:												\$4,922.88

### Order Notes

#### Procurement Quality Clauses

A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

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**CERTIFIED TEST REPORT**  
Constellium Rolled Products  
Ravenswood, LLC

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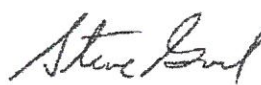
A M CASTLE & COMPANY

4175 ROYAL DRIVE  
KENNESAW GA  
30144  
US

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A M CASTLE

1420 KENSINGTON ROAD, SUITE 220  
OAK BROOK IL  
60523  
US

A M CASTLE		110550666		4075		INCLUSION		Serial:20170703-0110550666		Pg 1of3	
CUSTOMER PURCHASE ORDER NO. & ITEM 426116						Constellium ORDER NO. 209343					
ALLOY 7075		CLAD		TEMPER T651		GAUGE 1.00000 in 25.40 mm		WIDTH 48.50000 in 1,232 mm		LENGTH 144.50000 in 3,670 mm	
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH											
CUSTOMER SPECIFICATION AMS 4045K											
PART NUMBER 752188				B/L NUMBER 83324				DATE SHIPPED 07/03/2017			
WT. SHIPPED 4320.000 LB				NO. OF PIECES 000006				GOVT. CONTRACT NO.			
CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA   Steve Good - Laboratory Manager											

**ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS:**

ASTM B594 REV 13 2013 100% SONIC W/ 0.125"DEADZONE Class A  
AMS QQ-A-250/12A  
AMS-STD-2154A 2012 TYPE1 CLASS A 100% SONIC MINUS DEADZONE  
ASTM B209-14  
BSS-7055B 2013 CLASS A 100% SONIC TESTED MINUS DEADZONE  
CSTI006 REV E 2011 CLASS A 100% SONIC MINUS DEADZONE  
DPS 4.713 REV AK 2012 CLASS A 100% SONIC MINUS DEADZONE  
GAMPS 9101 REV B 2006 CLASS A 100% SONIC MINUS DEADZONE  
PS 21211P 2010 CLASS A 100% SONIC MINUS DEADZONE

**Load Details**

Package	Net Lbs	Kg	Lot	Piece	Serial	Parent Lot
1001556284	720.000	326.586	9392367	01		
1001556284	720.000	326.586	9392367	02		
1001556284	720.000	326.586	9392367	03		
1001556285	720.000	326.586	9392368	01		
1001556285	720.000	326.586	9392368	02		
1001556285	720.000	326.586	9392368	03		

**Lot: 9392367**

**Tensile - Room Temperature (US)**

Direction	Tests	Ultimate (KSI)		Yield (KSI)		Elongation (%)		Report
		Min	Max	Min	Max	Min	Max	
LT	02	82.6	82.9	73.7	73.9	12.5	13.0	





# Constellium



## CERTIFIED TEST REPORT

Constellium Rolled Products  
Ravenswood, LLC

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A M CASTLE & COMPANY

4175 ROYAL DRIVE  
KENNESAW GA  
30144  
US

S  
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O

A M CASTLE

1420 KENSINGTON ROAD, SUITE 220  
OAK BROOK IL  
60523  
US

A M CASTLE		110550666		4075		INCLUSION		Serial:20170703-0110550666		Pg 2of3	
CUSTOMER PURCHASE ORDER NO. & ITEM 426116						Constellium ORDER NO. 209343		<b>CERTIFICATION</b> "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA    Steve Good - Laboratory Manager			
ALLOY 7075	CLAD	TEMPER T651	GAUGE 1.0000 in 25.40 mm	WIDTH 48.5000 in 1,232 mm	LENGTH 144.5000 in 3,670 mm						
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH											
CUSTOMER SPECIFICATION AMS 4045K											
PART NUMBER 752188			B/L NUMBER 83324		DATE SHIPPED 07/03/2017						
WT. SHIPPED 4320.000 LB		NO. OF PIECES 000006		GOVT. CONTRACT NO.							

### Tensile - Room Temperature (SI)

		Ultimate (N/MM2)		Yield (N/MM2)		Elongation (%)		Report
Direction	Tests	Min	Max	Min	Max	Min	Max	
LT	02	570	572	508	510	12.5	13.0	

### Chemistry (Actual)

	SI	FE	CU	MN	MG	CR	ZN	TI	ZR
Core	0.05	0.12	1.48	0.03	2.62	0.22	5.56	0.03	0.00

OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER

All material contained in this lot was cast and manufactured in the USA

Lot: 9392368

### Tensile - Room Temperature (US)

		Ultimate (KSI)		Yield (KSI)		Elongation (%)		Report
Direction	Tests	Min	Max	Min	Max	Min	Max	
LT	02	81.9	83.1	72.1	73.6	13.0	14.5	



**Constellium**



**CERTIFIED TEST REPORT**  
Constellium Rolled Products  
Ravenswood, LLC

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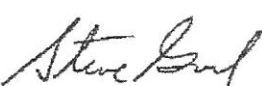
A M CASTLE & COMPANY

4175 ROYAL DRIVE  
KENNESAW GA  
30144  
US

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A M CASTLE

1420 KENSINGTON ROAD, SUITE 220  
OAK BROOK IL  
60523  
US

A M CASTLE		110550666		4075		INCLUSION		Serial:20170703-0110550666		Pg 3of3	
CUSTOMER PURCHASE ORDER NO. & ITEM 426116						Constellium ORDER NO. 209343		<b>CERTIFICATION</b> "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA    Steve Good - Laboratory Manager			
ALLOY 7075	CLAD	TEMPER T651	GAUGE 1.0000 in 25.40 mm	WIDTH 48.5000 in 1,232 mm	LENGTH 144.5000 in 3,670 mm						
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH											
CUSTOMER SPECIFICATION AMS 4045K											
PART NUMBER 752188			B/L NUMBER 83324		DATE SHIPPED 07/03/2017						
WT. SHIPPED 4320.000 LB		NO. OF PIECES 000006		GOVT. CONTRACT NO.							

Tensile - Room Temperature (SI)								
		Ultimate (N/MM2)		Yield (N/MM2)		Elongation (%)		Report
Direction	Tests	Min	Max	Min	Max	Min	Max	
LT	02	565	573	497	507	13.0	14.5	

Chemistry (Actual)									
	SI	FE	CU	MN	MG	CR	ZN	TI	ZR
Core	0.05	0.12	1.48	0.03	2.62	0.22	5.56	0.03	0.00

OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER
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All material contained in this lot was cast and manufactured in the USA
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<b>QUALITY TEXTS:</b> AMC CA-15403 R 8
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THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. CHEMISTRY BY OES: ARKSPARK CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399 WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8; B557 DUNS Number: 090570149; CAGE Code: 1YWL9 Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product. <b>"END OF CERTIFICATION"</b>
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P-860-155D REVISED: 10 2014
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Castle Metals®

A. M. Castle & Co.

PACKING SLIP/  
CERTIFICATE OF CONFORMANCE

Page 1 of 1

Shipment No:3757933

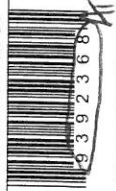
<b>Ship From:</b> A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN		<b>Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		<b>Ship To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN		<b>Deliver To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
<b>Date Shipped</b> 15-NOV-18	<b>F.O.B.</b> ORIGIN	<b>Freight Terms</b> Prepaid		<b>Carrier</b> MANITOULIN	<b>BOL No</b> 3757933-2		

Shipment Details


Final Destination Branch - TOR

<b>Order No</b> 5295296	<b>Line No</b> 1	<b>Item No</b> 752188.MO	<b>Description</b> 1.0000.PL.7075.T651.ALUMINUM.USI.48.5000.144.5000 CUT 2SIDED TO 2.5 IN ( + .1250/- .0000 IN) X 144.5 IN ( + .1250/- .0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12	
<b>Purchase Order No</b> 41410	<b>Part Number</b>		<b>Ordered Qty</b> 1.00 PCS	<b>Invoice Qty</b> 1.00 PCS

**Details**  
ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY  
ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S  
Email P/s and certs to: clavoie@dartaero.com  
END USER: DART AEROSPACE  
END USE: COMMERCIAL AIRCRAFT PARTS

<b>Delivery No.</b> 122354989	<b>Mill/Source</b> CONSTELLIUM ROLLED PRODUCTS	<b>Heat Number</b> 	<b>Mech Id</b>	<b>PCS</b> 1	<b>Width (IN)</b>	<b>Length (IN)</b>	<b>Shipped Qty(LBS)</b> 37.6174
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We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material and its description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer may be returned for credit.

Reviewed by Authorized Castle Metals Representative:  Date: NOV 15 2018 Name:

# SPECIFICATION CONTROL DRAWING

**PURCHASE MATERIAL:** 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE  
**SPECIFICATION:** QQ-A-250/12 OR AMS-QQ-A-250/12  
OR AMS 4045  
OR ASTM B209

OR

**PURCHASE MATERIAL:** 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE  
**SPECIFICATION:** QQ-A-250/13 OR AMS-QQ-A-250/13  
OR AMS 4048 / 4049  
OR ASTM B209

**PART NUMBER:** M7075T6S | TTT | X | W | WWW |  
| THK | | WIDTH |

WHERE "TTT" = THICKNESS (IN INCHES)  
AND "W | WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)  
EG. 0.063" THICK SHEET = M7075T6S 063  
EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

**PREFERRED SIZE:** TTT BY 4FT BY 10FT FOR SHEET

RELEASED  
2017 JUN 19  
ECN 17-574

B	ADD. REF. TO "PLATE" T651 TEMPER, AMS 4048, OPTIONAL WIDTH DIM (CAR16-149)	CP	17.05.05
A	NEW ISSUE	RF	10.11.08
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	CP	
DRAWN	CP	CP	
CHECKED	ML	ML	
MFG. APPR.	LL	LL	
APPROVED	WM	WM	
DE APPR.	D9	D9	
DATE	17.05.05		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. M7075T6S SHEET 1 OF 1 REV. B SCALE 7075-T6 SHEET/PLATE SPEC NHS COPYRIGHT © 2010 BY DART AEROSPACE LTD			

## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075 T6S1.000 x 2.500

PO / BATCH NO.: P0041410/S129442

DATE: 18/11/20

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 1.000"

QUANTITY RECEIVED: 12.04 Lt

THICKNESS RECEIVED: 1.000"

QUANTITY INSPECTED: 12.04 Lt

SHEET SIZE ORDERED: —

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<u>(N)</u>	
CORRECT FINISH	<u>(Y)</u>	N	
CORROSION	Y	<u>(N)</u>	
CORRECT GRAIN DIRECTION	<u>(Y)</u>	N	
CORRECT MATERIAL PER M-DRAWING	<u>(Y)</u>	N	<u>AMS 4045</u>
CORRECT THICKNESS	<u>(Y)</u>	N	
PHOTO REQUIRED	Y	<u>(N)</u>	
CORRECT REF # TO LINK CERT	<u>(Y)</u>	N	<u>LT: 9392368</u>
CORRECT MATERIAL IDENTIFICATION	<u>(Y)</u>	N	
CORRECT M# ON THE MATERIAL	<u>(Y)</u>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<u>(N)</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<u>(N)</u>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AK</u> DATE: <u>18/11/20</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

**Castle Metals®**

A. M. Castle &amp; Co.

PACKING SLIP/  
CERTIFICATE OF CONFORMANCE

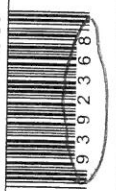
Page 1 of 1

Shipment No:3757933

<b>Ship From:</b> A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN		<b>Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		<b>Ship To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN		<b>Deliver To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
<b>Date Shipped</b> 15-NOV-18	<b>F.O.B.</b> ORIGIN	<b>Freight Terms</b> Prepaid		<b>Carrier</b> MANITOULIN	<b>BOL No</b> 3757933-2		

**Shipment Details**

Final Destination Branch - TOR

<b>Order No</b> 5295296	<b>Line No</b> 3	<b>Item No</b> 752188.MO	<b>Description</b> 1.0000.PL.7075.T651.ALUMINUM.USI.48.5000.144.5000 CUT 2SIDED TO 8 IN ( + .1250/- .0000 IN) X 144.5 IN ( + .1250/- .0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12				
<b>Purchase Order No</b> 41410		<b>Part Number</b>	<b>Ordered Qty</b> 1.00 PCS	<b>Invoice Qty</b> 1.00 PCS			
<b>Details</b> ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS							
<b>Delivery No.</b> 122354989	<b>Mill/Source</b> CONSTELLUM ROLLED PRODUCTS	<b>Heat Number</b> 	<b>Mech Id</b>	<b>PCS</b> 1	<b>Width (IN)</b>	<b>Length (IN)</b>	<b>Shipped Qty(LBS)</b> 120.3757

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:

NOV 15 2018

Date:

NAME KALOUS



Date Printed: 15-NOV-2018 03:00:57 PM

## SPECIFICATION CONTROL DRAWING

A PURCHASE MATERIAL: 7075-T6T62T651 ALUMINUM SHEET OR PLATE

SPECIFICATION:

QQ-A-250/12 OR AMS-QQ-A-250/12  
OR AMS 4045  
OR ASTM B209

OR

B PURCHASE MATERIAL: 7075-T6T62T651 ALCLAD ALUMINUM SHEET OR PLATE

SPECIFICATION:

QQ-A-250/13 OR AMS-QQ-A-250/13  
OR AMS 4046/4049  
OR ASTM B209

B PART NUMBER:

M7075T6S | TTT | X | W | WWW |  
| THK | | WIDTH |

B WHERE "TTT" = THICKNESS (IN INCHES)  
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S 063  
EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

B PREFERRED SIZE:

.TTT BY 4FT BY 10FT FOR SHEET

RELEASED

2017 JUN 19  
ECN 17-574

B	ADD. REF TO 'PLATE' - '1851' TEMPER, AMS 4048, OPTIONAL WIDTH DIM (CARB-149)	CP	17 05 05
A	NEW ISSUE	RF	10 11 03
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	CP		
CHECKED	ML		
MFG. APPR.	LL		
APPROVED	WM		
DE APPR.	D9		
DATE	17 05 05		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. B	
DRAWING NO. M7075T6S		SHEET 1 OF 1	
TITLE 7075-T6 SHEET/PLATE SPEC		SCALE N15	
COPYRIGHT © 2010 BY DART AEROSPACE LTD			



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075 7651.000 x 8.000  
 DATE: 18/11/20

PO / BATCH NO.: P0041410/5129444

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 12.04 Lt  
 QUANTITY INSPECTED: 12.04 Lt  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000"  
 THICKNESS RECEIVED: 1.000"  
 SHEET SIZE ORDERED: —  
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<u>(N)</u>	
CORRECT FINISH	<u>(Y)</u>	N	
CORROSION	Y	<u>(N)</u>	
CORRECT GRAIN DIRECTION	<u>(Y)</u>	N	
CORRECT MATERIAL PER M-DRAWING	<u>(Y)</u>	N	<u>AMS 4045</u>
CORRECT THICKNESS	<u>(Y)</u>	N	
PHOTO REQUIRED	Y	<u>(N)</u>	
CORRECT REF # TO LINK CERT	<u>(Y)</u>	N	<u>HT= 9392368</u>
CORRECT MATERIAL IDENTIFICATION	<u>(Y)</u>	N	
CORRECT M# ON THE MATERIAL	<u>(Y)</u>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<u>(N)</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<u>(N)</u>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/11/20</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

**Castle Metals®**

A. M. Castle &amp; Co.

PACKING SLIP/  
CERTIFICATE OF CONFORMANCE


Page 1 of 1

Shipment No:3757933

<b>Ship From:</b> A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN		<b>Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	<b>Ship To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	<b>Deliver To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
<b>Date Shipped</b> 15-NOV-18	<b>F.O.B.</b> ORIGIN	<b>Freight Terms</b> Prepaid	<b>Carrier</b> MANITOULIN	<b>BOL No</b> 3757933-2

## Shipment Details

Final Destination Branch - TOR

<b>Order No</b> 5295296	<b>Line No</b> 2	<b>Item No</b> 752188.MO	<b>Description</b> 1.0000.PL.7075.T651.ALUMINUM.US1.48.5000.144.5000 CUT 2SIDED TO 5 IN ( + .1250/- .0000 IN) X 144.5 IN ( + .1250/- .0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12	
<b>Purchase Order No</b> 41410	<b>Part Number</b>	<b>Ordered Qty</b> 2.00 PCS	<b>Invoice Qty</b> 2.00 PCS	
<b>Details</b> ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS				
<b>Delivery No.</b> 122354989	<b>Mill/Source</b> CONSTELLIUM ROLLED PRODUCTS	<b>Heat Number</b> 	<b>Mech Id</b> 2	<b>PCS</b> 2
			<b>Width (IN)</b>	<b>Length (IN)</b>
				<b>Shipped Qty(LBS)</b> 150.4697

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:

Date: **NOV 15 2018**Date: **DATE: KALOUS**

Date Printed: 15-NOV-2018 03:00:57 PM

# SPECIFICATION CONTROL DRAWING

B PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE  
SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12  
OR AMS 4045  
OR ASTM B209

OR

B PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE  
SPECIFICATION: QQ-A-250/13 OR AMS-QQ-A-250/13  
OR AMS 4046/14049  
OR ASTM B209

B PART NUMBER: M7075T6S | TTT | X | W | WWW |  
| THK | | WIDTH |

B WHERE "TTT" = THICKNESS (IN INCHES)  
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)  
EG. 0.063" THICK SHEET = M7075T6S 063  
EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

B PREFERRED SIZE: .TTT BY 4FT BY 10FT FOR SHEET

RELEASED  
2017 JUN 19  
ECN 17-574

APPROVED

B	ADD. REF. TO "PLATE": T651* TEMPER, AMS 4045, OPTIONAL WIDTH DIM (GAR16-149)	CP	RF	BY	DATE
A	NEW ISSUE				
REV.	DESCRIPTION				
DESIGN	RF	DART AEROSPACE LTD			
DRAWN	CP	HAWKESBURY, ONTARIO, CANADA			
CHECKED	ML	DRAWING NO.			
MFG. APPR.	LL	M7075T6S			
APPROVED	WM	TITLE			
DE APPR.	D9	7075-T6 SHEET/PLATE SPEC			
DATE	17.05.05	SCALE			
		SHEET 1 OF 1			
		REV. B			
		NIS			
		COPYRIGHT © 2010 BY DART AEROSPACE LTD			
		ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD.			

## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M70757651.00x5.00  
 DATE: 18/11/20

PO / BATCH NO.: P0041410/S129443

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 24.034  
 QUANTITY INSPECTED: 24.084  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000"  
 THICKNESS RECEIVED: 1.000"  
 SHEET SIZE ORDERED: —  
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	AMS 4045
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	HT: 9392368
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/11/20</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





PACKING SLIP/  
CERTIFICATE OF CONFORMANCE

A. M. Castle & Co.

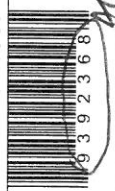
Page 1 of 1

Shipment No:3757933

<b>Ship From:</b> A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN		<b>Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	<b>Ship To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	<b>Deliver To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
<b>Date Shipped</b> 15-NOV-18	<b>F.O.B.</b> ORIGIN	<b>Freight Terms</b> Prepaid	<b>Carrier</b> MANITOULIN	<b>BOL No</b> 3757933-2

<b>Shipment Details</b>	<b>Final Destination Branch - TOR</b>
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<b>Order No</b> 5295296	<b>Line No</b> 4	<b>Item No</b> 752188.MO	<b>Description</b> 1.0000.PL.7075.T651.ALUMINUM.USI.48.5000.144.5000 CUT 2SIDED TO 6 IN ( + .1250/- .0000 IN) X 144.5 IN ( + .1250/- .0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12
<b>Purchase Order No</b> 41410	<b>Part Number</b>	<b>Ordered Qty</b> 2.00 PCS	<b>Invoice Qty</b> 2.00 PCS
<b>Details</b> ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS			

<b>Delivery No.</b> 122354989	<b>Mill/Source</b> CONSTELLIUM ROLLED PRODUCTS	<b>Heat Number</b> 	<b>Mech Id</b> 2	<b>PCS</b> 2	<b>Width (IN)</b>	<b>Length (IN)</b>	<b>Shipped Qty(LBS)</b> 180.5636
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We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.		Reviewed by Authorized Castle Metals Representative:		Date:	
				NOV 15 2018	
				Name: SLIE KALOUS	





# SPECIFICATION CONTROL DRAWING

B PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE  
SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12  
OR AMS 4048  
OR ASTM B209

OR

B PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE  
SPECIFICATION: QQ-A-250/13 OR AMS-QQ-A-250/13  
OR AMS 4048 / 4049  
OR ASTM B209

B PART NUMBER: M7075T6S | TTT | X | W | WWW |  
| THK | | WIDTH |

B WHERE "TTT" = THICKNESS (IN INCHES)  
AND "W WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

B EG. 0.063" THICK SHEET = M7075T6S.063  
EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500  
TTT BY 4FT BY 10FT FOR SHEET

B PREFERRED SIZE:

RELEASED  
2017 JUN 19  
ECN 17-574

B	ADD. REF. TO PLATE: "T651" TEMPER, AMS 4048, OPTIONAL WIDTH DIM. (CAR16-149)	CP	17 05 05
A	NEW ISSUE	RF	10.11.08
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	CP		
CHECKED	ML		
MFG. APPR.	LL		
APPROVED	WM		
DE APPR.	D9		
DATE	17 05 05		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. B	
DRAWING NO. M7075T6S		SHEET 1 OF 1	
TITLE		SCALE	
7075-T6 SHEET/PLATE SPEC		N1S	
COPYRIGHT © 2019 BY DART AEROSPACE LTD			

APPROVED

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M70757656.000 x 1.000  
 DATE: 18/11/20

PO / BATCH NO.: P0041410/S129445

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 24.085t  
 QUANTITY INSPECTED: 24.085t  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000"  
 THICKNESS RECEIVED: 1.000"  
 SHEET SIZE ORDERED: —  
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	AMS 4045
CORRECT THICKNESS	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	MT: 9392368
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u> DATE: <u>18/11/20</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in